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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,130	11/20/2003	Eero Kaappa	KOLS.064PA	9110
7590 03/21/2008 Hollingsworth & Funk, LLC Suite 125 8009 34th Avenue South Minneapolis, MN 55425				
EXAMINER SALAD, ABDULLAH ELMI				
ART UNIT 2157		PAPER NUMBER		
MAIL DATE 03/21/2008		DELIVERY MODE PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/718,130

Applicant(s)

KAAPPA ET AL.

Examiner

Salad Abdullahi

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 December 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-946)
- 3) ☐ Information Disclosure Statement(s) (PTO/SE/US)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Response to Amendment

1. the Amendment filed on 12/13/2007 has been received and made of record.
2. Applicant's arguments with respect to claims 1-13 have been fully considered but are not moot in view of new grounds of rejection.

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required:

For example claim 12-13, recites "computer readable medium", specification fails to provide proper antecedent basis for the claimed subject matter.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Oommen et al., U.S. Patent Application No. 2003/0103484 [hereinafter Oommen] in view of Hamada et al., U.S. Patent Application Publication No. 2002/0078105 [hereinafter Hamada].

As per claim 1, Oommen discloses a method for determining the priority of a management object in a device management system comprising at least a device

management server and management customer device, in which the management server and management customer device are arranged to maintain management object data in a management tree, the method comprising:

determining the contents of new management object (see paragraph 0036-0037);
attaching said at least one data element to the management tree maintained by the management server(see paragraph 0036-0037);
sending a file definition according to the management tree to the management customer device(see paragraph 0037); and
deassembling the file definition referred to in the management customer device into management tree form so that said priority data shows the priority data of at least one sub object in relation to other sub objects(see paragraphs 0011, and 0037-0038).

Oommen is silent regarding:

determining in the management server at least one data element comprising the priority data of at least one sub object in relation to other sub objects, determining priority of at least one sub object, belonging to the management object in relation to other sub objects; and wherein the management customer device updates or forms the management tree in accordance with the data element comprising said priority data, and content of the document is stored in the management customer device in accordance with the management tree.

Hamada disclose a document object management system including determining in the management server (Web server/XML-P'z server A1) at least one data element (object

data) comprising the priority data(XML-P'z document shown in FIG. 12) of at least one sub object in relation to other sub objects, determining priority of at least one sub object, belonging to the management object in relation to other sub objects(see figs 1 and 18 and paragraph 0202, 0209 and 0266); and wherein the management customer device updates or forms the management tree in accordance with the data element comprising said priority data (0106), and content of the document is stored in the management customer device in accordance with the management tree (see figs 1 and 18 and paragraph 0202, 0209 and 0266). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention presented with teaching of Oommen to utilize the object prioritizing mechanism as taught by Hamada into the system of Oommen thus enabling managed document objects to be processed according to their priority.

As per claim 2, Oommen discloses method as claimed in claim 1, further comprising determining in a server device according to SyncML Device Management and in a customer device according to SyncML Device Management priority data for a management object comprising provisioning settings of a WAP protocol for a Bootstrap process (see paragraph 0059).

As per claim 3, Oommen discloses a method as claimed in claim 1, further comprising determining the data element referred to in the management server, the data element comprising the priority data of at least one sub object in relation to other sub objects, as separate leaf objects(see paragraph 0045); and

attaching the leaf objects determining said priority data to the management tree maintained by the management server so that they are placed in parallel with the management/sub object, whose priority they determine (see paragraph 0045).

As per claim 4, Oommen discloses a method as claimed in claim 1, further comprising determining the data element mentioned in the management server, the data element comprising the priority data of at least one sub object in relation to other sub objects, as a run-time property definition(see paragraph 0048); and

attaching said run-time property definitions determining said priority data to the meta data of the management tree maintained by the management server (see paragraph 0048).

5. As per claims 5-13, the claims include features analogous with features in claims 1-4, thus claims 5-13are rejected same rational as claims 1-4.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Salad E Abdullahi whose telephone number is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Salad Abdullahi/

Primary Examiner, Art Unit 2157

3/15/2008